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(including for example glycol and glycerol); decanoates of alcohols (including for example glycol and glycerol); and ricinoleates of alcohols (including for example cetyl ricinoleate). — —

5 In the Claims

Please cancel the existing claims and add the following new claims 40-73. ✓

10 The prosecution of this application has resulted in claims which appear to Applicant to be unnecessarily unwieldy and confusing. New claims 40-73 rearrange the claims more logically and also include a number of amendments of substance. So that the Examiner can more easily understand the changes made, attached hereto is a separate paper entitled

15 "Version of Claims 2,3,5,7-14 and 17-39 with Markings to show the changes made to those claims in order to formulate new claims 40-73.

In that separate paper, the changes are shown by brackets (for deleted matter) and underlining (for added matter). Three new dependent claims (Claim 65-67) have been added, and do not appear in that separate paper. The following table sets out the relationship between the old and new claims (old claims 34, 35 and 39 have been
20 canceled and do not appear in the new claims).

Old	2	3	5	7	8	9	10	11	12	13	14	17	18	19	20	21	22
New	46	68	52	40	41	42	45	54	47	48	49	69	70	71	57	59	60

Old	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
New	61	62	63	64	53	55	56	43	44	50	51	-	-	72	73	58	-

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40. (New) A thickened oil cosmetic composition which comprises
- (1) an oil, and
 - (2) dispersed in the oil, a polymer which

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- (a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$;
 - (b) is soluble in the oil at temperatures above T_p ,
 - (c) has been dispersed in the oil by a process which comprises
 - (i) dissolving the polymer in the oil at a temperature above T_p , and
 - (ii) cooling the solution to crystallize the polymer in the oil,
 - (d) is a side chain crystalline (SCC) homopolymer which is substantially free of functional groups, and
 - 10 (e) is present in amount such that it thickens the oil;

the composition being at a temperature

- (i) which is below T_p , and
- (ii) at which the composition, in the absence of the polymer, is liquid.

15 41. (New) A composition according to Claim 40, wherein the SCC polymer consists essentially of units derived from an n-alkyl acrylate or methacrylate in which the n-alkyl group contains 12 to 50 carbon atoms.

20 42. (New) A composition according to Claim 40 wherein the SCC polymer is present an amount at least 3% by weight.

43. (New) A composition according to Claim 40 which contains 3 to 10% by weight of the SCC polymer.

25 44. (New) A composition according to Claim 40 which is at a temperature of 20 to 25 °C and wherein T_p is more than 40 °C.

45. (New) A thickened oil cosmetic composition comprising

- (1) an oil, and
- 30 (2) dispersed in the oil, a polymer which

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- (a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$;
- (b) is soluble in the oil at temperatures above T_p ,
- (c) has been dispersed in the oil by a process which comprises
- (i) dissolving the polymer in the oil at a temperature above T_p , and
- (ii) cooling the solution to crystallize the polymer in the oil,
- (d) is a side chain crystalline (SCC) polymer which is substantially free of functional groups, and which consists of
- (i) 50 to 100% by weight of units derived from at least one n-alkyl acrylate or methacrylate in which the n-alkyl group contains 12 to 50 carbon atoms, and
- (ii) 0 to 50% by weight of units derived from at least one alkyl acrylate or methacrylate in which the alkyl group is not an n-alkyl group containing 12 to 50 carbon atoms, and
- (e) is present in amount such that it thickens the oil;

the composition being at a temperature

- (i) which is below T_p , and
- (ii) at which the composition, in the absence of the polymer, is liquid.

46. (New) A composition according to Claim 45 which is substantially free of water.

47. (New) A composition according to Claim 45 which is at a temperature of 20 to 25 °C and wherein T_p is above 40 °C.

48. (New) A composition according to Claim 45 which is at a temperature of 20 to 25 °C and wherein T_p is 40-50 °C.

49. (New) A composition according to Claim 45, wherein $T_p - T_o$ is less than 10°C.

50. (New) A composition according to Claim 45 which contains at least 3% by weight of the SCC polymer.

51. (New) A composition according to Claim 45 which contains 3 to 7% by weight of the SCC polymer.

52. (New) A thickened oil composition comprising

(1) an oil, and

(2) dispersed in the oil, at least 3% by weight of a polymer which

(a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$;

(b) is soluble in the oil at temperatures above T_p ,

(c) has been dispersed in the oil by a process which comprises

(i) dissolving the polymer in the oil at a temperature above T_p ,
and

(ii) cooling the solution to crystallize the polymer in the oil,
and

(d) is a side chain crystalline (SCC) polymer which is
substantially free of functional groups, and which consists of

(i) 50 to 100% by weight of units derived from at least
one n-alkyl acrylate or methacrylate in which the n-alkyl
group contains 12 to 50 carbon atoms, and

(ii) 0 to 50% by weight of units derived from at least one
alkyl acrylate or methacrylate in which the alkyl group is not
an n-alkyl group containing 12 to 50 carbon atoms;

the composition being at a temperature below T_p .

53. (New) A composition according to Claim 52 wherein the SCC polymer contains at least 80% by weight of repeating units containing a side chain comprising a linear polymethylene radical containing 10 to 50 carbon atoms.

54. (New) A composition according to Claim 52 wherein the units derived from at least one n-alkyl acrylate or methacrylate in which the n-alkyl group containing 12 to 50 carbon atoms are units derived from at least one n-alkyl acrylate in which the n-alkyl group contains 16 to 50 carbon atoms

55. (New) A composition according to Claim 52 which contains 3 to 10% by weight of the SCC polymer.

56. (New) A composition according to Claim 52 which is at a temperature of 20 to 25 °C and wherein T_p is more than 40 °C.

57. (New) A thickened oil composition which comprises

(1) an oil, and

(2) dispersed in the oil, at least 3% by weight of a side chain crystalline (SCC) homopolymer which

(a) has a crystalline melting point, T_p , of 20 to 80 °C, and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than 10 °C;

(b) is soluble in the oil at temperatures above T_p ,

(c) has been dispersed in the oil by a process which comprises
(i) dissolving the polymer in the oil at a temperature above T_p , and

(ii) cooling the solution to crystallize the polymer in the oil,

(d) contains at least 80% by weight of repeating units containing a side chain comprising a linear polymethylene radical containing 10 to 50 carbon atoms or a linear substantially perfluorinated polymethylene radical containing 6 to 50 carbon atoms, and

(e) is substantially free of functional groups;

the composition being at a temperature below T_p .

58. (New) A composition according to Claim 57 which contains 3 to 10% by weight of the SCC polymer.

59. (New) A thickened oil composition comprising

(1) an oil selected from the group consisting of hydrogenated polyisobutylene; triglycerides; purcellin oil; isopropyl myristate; butyl myristate; cetyl myristate; isopropyl palmitate; butyl palmitate; ethyl-2-hexyl palmitate; isopropyl stearate; butyl stearate; octyl hexadecyl stearate; isocetyl stearate; decyl oleate; hexyl laurate; propylene glycol dicaprylate, diisopropyl adipate; animal oils; silicone oils; oleyl alcohol; linoleyl alcohol; linolenyl alcohol; isostearyl alcohol; octyl dodecanol; esters derived from lanolic acid; and acetyl glycerides.; and

(2) dispersed in the oil, a polymer which

(a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$;

(b) is soluble in the oil at temperatures above T_p ,

(c) has been dispersed in the oil by a process which comprises

(i) dissolving the polymer in the oil at a temperature above T_p , and

(ii) cooling the solution to crystallize the polymer in the oil, and

(d) is a side chain crystalline (SCC) polymer which is substantially free of functional groups, and which consists of

(i) 50 to 100% by weight of units derived from at least one n-alkyl acrylate or methacrylate in which the n-alkyl group contains 12 to 50 carbon atoms, and

(ii) 0 to 50% by weight of units derived from at least one alkyl acrylate or methacrylate in which the alkyl group is not an n-alkyl group containing 12 to 50 carbon atoms;

the composition being at a temperature below T_p .

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60. (New) A composition according to Claim 59, wherein T_p is above 40 °C.
61. (New) A composition according to Claim 59, wherein T_p is 40-50 °C.
- 5 62. (New) A composition according to Claim 59, wherein $T_p - T_o$ is less than 10°C.
63. (New) A composition according to Claim 59, wherein the SCC polymer comprises a homopolymer of the n-alkyl acrylate in which the n-alkyl group contains 18 carbon atoms.
- 10 64. (New)) A composition according to Claim 59, wherein the SCC polymer a homopolymer of the n-alkyl acrylate in which the n-alkyl group contains 22 carbon atoms.
- 15 65. (New) A composition according to Claim 59 wherein the oil is a vegetable oil.
66. (New) A composition according to Claim 59 wherein the oil is selected from the group consisting of sunflower seed oil, sesame seed oil, rape seed oil, sweet almond oil; calphyllum oil, palm oil, avocado oil, jojoba oil, olive oil, castor oil, and grain germ oils.
- 20 67. (New) A composition according to Claim 59 wherein the oil is selected from perhydrosqualene, dimethyl polysiloxane, phenyl dimethicones, isopropyl lanolate, isocetyl lanolate, octanoates of glycol, octanoates of glycerol, decanoates of glycol, decanoates of glycerol, and cetyl ricinoleate.
- 25 68. (New) A thickened oil composition which is a water-in-oil emulsion and which comprises
- (1) an oil, and
- 30 (2) dispersed in the oil, a polymer which

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cont. 5
- (a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$;
 - (b) is soluble in the oil at temperatures above T_p ,
 - (c) has been dispersed in the oil by a process which comprises
 - (i) dissolving the polymer in the oil at a temperature above T_p , and
 - (ii) cooling the solution to crystallize the polymer in the oil,and
 - (d) is a side chain crystalline (SCC) polymer which is substantially free of functional groups;
- 10 the composition being at a temperature below T_p .

69. (New) A thickened oil composition which is a water-in-oil emulsion and which comprises

- 15 (1) an oil, and
- (2) dispersed in the oil, a side chain crystalline (SCC) polymer which
- (a) has a crystalline melting point, T_p , of 20 to 80 °C, and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than 10 °C;
 - (b) is soluble in the oil at temperatures above T_p ,
 - (c) has been dispersed in the oil by a process which comprises
 - (i) dissolving the polymer in the oil at a temperature above T_p , and
 - (ii) cooling the solution to crystallize the polymer in the oil,
 - (d) contains at least 80% by weight of repeating units containing a side chain comprising a linear polymethylene radical or a linear substantially perfluorinated polymethylene radical containing 6 to 50 carbon atoms, and
 - (e) is substantially free of functional groups;
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- 30 the composition being at a temperature below T_p .